

MOTOR

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- international: **H02K5/22; H02K7/116; H02K5/22; H02K7/116; (IPC1-7): H02K7/116; H02K5/22**

- european:

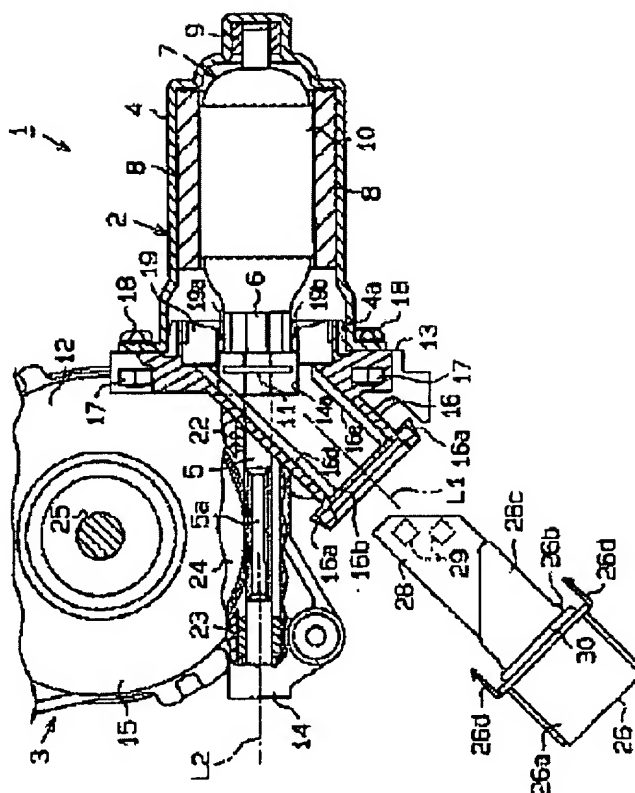
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Abstract of JP2001251808

PROBLEM TO BE SOLVED: To provide a small-sized motor. **SOLUTION:** This motor 1 is structured by inclining a connector portion 26 provided with a circuit board 28 for an axis accommodating portion 14 (rotary shaft 5) and inserting, from a deceleration housing 12 toward a yoke housing 4, this connector portion 26 into an extending portion 16 from the end part side of circuit board 28 providing a Hall element 29, so that the end portion of the circuit board 28, including the Hall element 29, can be allocated in the more circuit board end (the bottom side of yoke housing 4) of the rotating shaft 5, in comparison with the case where the connector portion 26 is inserted in the direction orthogonal to the shaft accommodating portion 14 (rotating shaft 15). As a result, a sensor magnet 11 can be provided in the circuit board end portion side of the rotating shaft 5, the therefore the length of rotating shaft 5 can be reduced.



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